

GENERATOR NAME UMETCO MINERALS CORP

PAGE 2 OF 2

[illegible]

UCCNHT0001883

(2) consigned to  
CHEM NUCLEAR SYSTEMS INC  
P O BOX 726 OSBORN ROAD  
BARNWELL SC 29812

Operated by CHEM NUCLEAR SYSTEMS, INC  
P O Box 726, Barnwell, South Carolina 29812  
(803) 259 1781

(3) USE THIS NUMBER ON  
ALL CONTINUATION PAGES

0884-325A

OF 2

TOTALS			
ACTIVITY (10CFR 20.311) Curies <input type="checkbox"/> Millicuries			SOURCE (Pounds)
C 14	C 99	C 129	
NP	NP	NP	0 5

(7) TOTAL SNM	
ISOTOPE	GRAMS
U 233	N/A
U 235	
TOTAL	

(5) TOTAL FOR EACH CLASS		PROPER SHIPPING NAME & HAZARD CLASS (PER 49 CFR 172.101)	ID NUMBER
NO OF PACKAGES	WEIGHT (Pounds)		
		Radioactive Material, empty packages	UN2908
		Radioactive Material, fissile, n o s —Radioactive Material	UN2918
5	26218	Radioactive Material, low specific activity, n o s —Radioactive Material	UN2912
		Radioactive Material, n o s —Radioactive Material	UN2982
		Radioactive Material, limited quantity, n o s —Radioactive Material	UN2910
		Radioactive Material, special form, n o s —Radioactive Material	UN2974
		Radioactive Material, instruments and articles—Radioactive Material	UN2911
		Other (Specify)	

SHIPMENT TOTALS							
VOLUME (Cubic Feet)	TOTAL NO OF PACKAGES	ACTIVITY (10CF R 20 311) <input type="checkbox"/> Curies <input type="checkbox"/> Millicuries					SOURCE (Pounds)
		ALL ISO10PLS	TRITIUM	C 14	Tc 99	I 129	
325	5	034	NP	NP	NP	NP	0 5

(8)  
TOTAL PALLET  
VOLUME (CU FT) N/A

(9) WASTE DESCRIPTION	Contaminated Soil Misc. Debris	(10) PHYSICAL FORM/ SOLIDIFICATION AGENT	Solid
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(11) CHEMICAL FORM AND  
NAME AND % OF CHELATING AGENT(S) Metal Oxides

(12) WASTE FORM CLASS  
☐ A ☐ B ☐ C

(13) ( ) Yes ( ) No THIS VEHICLE IS CONSIGNEE EXCLUSIVE USE LOADING AND UNLOADING MUST BE ACCOMPLISHED BY CONSIGNOR OR CONSIGNEE OR HIS DESIGNATED AGENT

(15) Certification is hereby made to the South Carolina Department of Health and Environmental Control that this shipment of low level radioactive waste has been inspected in accordance with the requirements of South Carolina Radioactive Material License No 097 as amended and the Nuclear Regulatory Commission's License No 12 13536 01 as amended and the effective Barnwell Site Disposal Criteria within 48 hours prior to shipment and further certification is made that the inspection revealed no items of non compliance with all applicable laws rules and regulations

(14) **IMPORTANT** This is to certify that the above named materials are properly classified described packaged marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation

Signature \_\_\_\_\_  
Company Umetco Minerals Corporation Date 8-22-84

Date 8-22-84 By \_\_\_\_\_

Title and Organization Construction Superintendent - Umetco Minerals Corp

Telephone No (716) 278-3361

**CNSI USE ONLY**

- ☐ This material meets all license requirements
- ☐ This material was disposed of in accordance with license
- ☐ Discrepancy \_\_\_\_\_

## DISPOSAL SITE COPY

Form No CNS 201  
(9-83)

SEE INSTRUCTIONS ON REVERSE SIDE  
FOR FILING OUT THIS FORM

Arrival Date \_\_\_\_\_ Arrival Survey No \_\_\_\_\_

Date/Time Buried \_\_\_\_\_ H P Initial \_\_\_\_\_

Trench No \_\_\_\_\_ Location Code \_\_\_\_\_

Waste Class Code \_\_\_\_\_

Personnel Exposure \_\_\_\_\_

Date \_\_\_\_\_

Authorized Signature \_\_\_\_\_ Title \_\_\_\_\_

UCCNHT0001884

(1) GENERATOR NAME UMETCO MINERALS CORP.  
ADDRESS 137 - 47th Street

CITY Niagara Falls STATE New York

CONTACT G. E. Walck PHONE (716) 278-3361

(2) **consigned to**  
CHEM NUCLEAR SYSTEMS, INC  
P O BOX 726, OSBORN ROAD  
BARNWELL, S C 29812

(3) USE THIS NUMBER ON  
ALL CONTINUATION PAGES

VOLUME ALLOCATION NO  
0884-325A

PAGE 1  
OF 2

## BARNWELL WASTE MANAGEMENT FACILITY

Operated by CHEM-NUCLEAR SYSTEMS, INC  
P O Box 726, Barnwell, South Carolina 29812  
(803) 259-1781

### RADIOACTIVE SHIPMENT MANIFEST FORM

(4) **Tri-**  
CARRIER State ADDRESS Joplin, Missouri 64801  
TELEPHONE 417-674-3131 SHIPPING DATE 8-22-84  
SHIPMENT TYPE Van SHIPMENT SURFACE EXPOSURE 0.034 mR/hr  
SHIPMENT NO 615-3004 LINER SERIAL NO -  
DRIVER SIGNATURE R. B. Branch DATE 8-22-84

(5) TOTAL FOR EACH CLASS		PROPER SHIPPING NAME & HAZARD CLASS (PER 49 CFR 172.101)	ID NUMBER
NO OF PACKAGES	WEIGHT (Pounds)		
		Radioactive Material, empty packages	UN2908
		Radioactive Material, fissile, n o s —Radioactive Material	UN2918
<u>5</u>	<u>26218</u>	Radioactive Material, low specific activity, n o s —Radioactive Material	UN2912
		Radioactive Material, n o s —Radioactive Material	UN2982
		Radioactive Material, limited quantity, n o s —Radioactive Material	UN2910
		Radioactive Material, special form, n o s —Radioactive Material	UN2974
		Radioactive Material, instruments and articles—Radioactive Material	UN2911
		Other (Specify)	

(6) SHIPMENT TOTALS							
VOLUME (Cubic Feet)	TOTAL NO OF PACKAGES	ACTIVITY (10CFR 20.311)					SOURCE (Pounds)
		ALL ISOTOPES	TRITIUM	C 14	Tc 99	I 129	
<u>325</u>	<u>5</u>	<u>.034</u>	<u>NP</u>	<u>NP</u>	<u>NP</u>	<u>NP</u>	<u>0.5</u>

(7) TOTAL SNM	
ISOTOPE	GRAMS
U 233	<u>N/A</u>
U 235	<u>1</u>
TOTAL	<u>✓</u>

(9) WASTE DESCRIPTION Contaminated Soil  
Misc. Debris (10) PHYSICAL FORM/  
SOLIDIFICATION AGENT Solid

(11) CHEMICAL FORM AND  
NAME AND % OF CHELATING AGENT(S) Metal Oxides

(12) WASTE FORM CLASS  
☒ A ☐ B ☐ C

(13) ☒ Yes ( ) No THIS VEHICLE IS CONIGNED EXCLUSIVE USE LOADING AND UNLOADING MUST BE ACCOMPLISHED BY CONSIGNOR OR CONSIGNEE OR HIS DESIGNATED AGENT

(14) IMPORTANT "This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation

Signature

Company Umetco Minerals Corporation

Date 8-22-84

(15) "Certification is hereby made to the South Carolina Department of Health and Environmental Control that this shipment of low level radioactive waste has been inspected in accordance with the requirements of South Carolina Radioactive Material License No 097 as amended, and the Nuclear Regulatory Commission's License No 12 13536 01 as amended, and the effective Barnwell Site Disposal Criteria within 48 hours prior to shipment, and further certification is made that the inspection revealed no items of non compliance with all applicable laws, rules and regulations "

Date 8-22-84 By G. E. Walck

Title and Organization Construction Superintendent - Umetco Minerals Corp.

Telephone No (716) 278-3361

CNSI USE ONLY

☐ This material meets all license requirements

☐ This material was disposed of in accordance with license

☐ Discrepancy

TRIPLICATE COPY

Form No CNS-201

(9-83)

SEE INSTRUCTIONS ON REVERSE SIDE  
FOR FILLING OUT THIS FORM

Arrival Date

Arrival Survey No

Date/Time Buried

H P Initial

Trench No

Location Code

Waste Class Code

Personnel Exposure

Date

Authorized Signature Title

UCCNHT0001885

Operated by CHEM-NUCLEAR SYSTEMS, INC

USE THIS NUMBER ON VOLUME ALLOCATION NO  
ALL CONTINUATION PAGES

PAGE 2 OF 2

## CONTINUATION SHEET

[illegible]

Form No CNS 201  
(9-83)

**CUSTOMER'S COPY**

UCCNHT0001886



GENERATOR NAME UMETCO MINERALS CORP.

PAGE 2 OF 2

(16) ITEM NO	(17) RADIO NUCLEIDE EACH CONTAINER	(18) PERCENT OF ACTIVITY EACH NUCLEIDE	(19) ACTIVITY EACH CONTAINER (mCi)	(20) PHYSICAL FORM	(21) CHEMICAL FORM AND NAME & % OF CHILLING AGENT	(22) WASTE DESCRIPTION	(23) WASTE FORM CLASS	(24) STABILITY CLASS (S, U)	(25) SPECIAL NUCLEAR MATERIAL (grams)	(26) SOURCE MATERIAL (pounds)	(27) DISPOSABLE CONTAINER WEIGHT (pounds)	(28) DISPOSABLE CONTAINER VOLUME (Cu Ft)	(29) CONTAINER TYPE	(30) RADIATION LEVELS		(31) CONTAMINATION CONTAINER SURFACE (DPM/100cm <sup>2</sup> ) Alpha Beta Gamma	(32) DOT SUB TYPE (A1 A2 LSA etc)	(33) FISSILE CLASS	(34) LABELS/MARKINGS USED
														CONTAINER SURFACE mR/HR	(FT) 1 METER mR/HR				
UM-84 127	U238 TH232	N/A ↓	.0028 .004	Solid			A	U	N/A ↓	0.1	5272	65	Stc	.032	.017	<MDA <MDA	LSA	N/A	Radioactive— LSA
128	U238 TH232		.0028 .004		METAL OXIDES	CONTAMINATED SOIL BUILDING RUBBLE PLANT HARDWARE				0.1	5192	65	Stc	.034	.015	<MDA <MDA	LSA	N/A	Radioactive— LSA
129	U238 TH232		.0028 .004							0.1	5324	65	Stc	.040	.014	<MDA <MDA	LSA	N/A	Radioactive— LSA
130	U238 TH232		.0028 .004							0.1	5120	65	Stc	.046	.014	<MDA <MDA	LSA	N/A	Radioactive— LSA
132	U238 TH232		.0028 .004							0.1	5310	65	Stc	.028	.012	<MDA <MDA	LSA	N/A	Radioactive— LSA
																			Radioactive—
																			Radioactive—
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						PAGE TOTALS				0.5	26218	325							Radioactive—

DISPOSAL SITE COPY

USCNIHT0001888

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  
Radioactive Waste Shipment Certification Form

General Instructions and Information: This is a two part form to be used by shippers and carriers of radioactive waste. The certifications contained herein satisfy the requirements of Section 13-7-150, of Act No. 499 of 1980, the South Carolina Radioactive Waste Transportation and Disposal Act. This certification along with a copy of the prior notification form shall accompany each shipment of radioactive waste into and within the State of South Carolina. The shipper is to complete his portion of the form and present it to the carrier as part of the shipping documents. Upon receipt, the carrier shall complete his portion of the form. Upon delivery of the shipment to the consignee, a copy of this certification form, and a copy of the Prior Notification and Manifest form with the consignee acknowledgement, shall be returned to the Department.

## Part I: Shipper's Certificate of Compliance

1. Name of Shipper and Address: Umetco Minerals Corporation 137 - 47th Street Niagara Falls, NY 14302 Telephone No. ( 716 ) 278-3361	2. Shipment Identification No. 0884-325A
	3. Transport Permit No. 0211-31-84-X

In compliance with Act No. 499 of 1980, the South Carolina Radioactive Waste Transportation and Disposal Act, I hereby certify on behalf of the above-named shipper to the South Carolina Department of Health and Environmental Control that the above-named shipper has complied with all provisions of Act No. 499 of 1980, and all applicable laws and administrative rules and regulations, both State and Federal, regarding the packaging, transportation, storage, disposal and delivery of such wastes. I further certify that this shipment of radioactive waste has been inspected within 48 hours of the time of departure and that no items of non-compliance with applicable laws, rules or regulations were found.

Date August 22, 1984

G.E. Walck, Construction Superintendent  
Typed Name and Title of Agent of Shipper

Signature

## Part II: Carrier's Certification

1. Name of Carrier and Address: Tri-State Motor Transit Company P.O. Box 113 Joplin, Missouri 64801 Telephone No. (800 ) 641-7591	2. Shipment Identification No. 0884-325A
	3. Transport Trailer No. 448132
4. Scheduled Date of Departure of Shipment: August 22, 1984	5. Estimated Date of Arrival of Shipment: August 24, 1984

Certification is hereby made to the South Carolina Department of Health and Environmental Control that: (a) the shipper has provided the carrier with a copy of the shipment manifest, the certificate of compliance, and the routing instructions; (b) the shipment of radioactive waste has been properly placarded for transport according to applicable U.S. Department of Transportation Regulations; (c) all shipping papers originated or reproduced by the carrier have been properly executed; (d) the transport vehicle has been inspected according to applicable State and Federal regulations within the prescribed intervals and that all safety and operational components are in good working order and meet the requirements of regulations; (e) all drivers who will operate the vehicle within the State of South Carolina are qualified to transport hazardous materials as specified by applicable U.S. Department of Transportation regulations; (f) the Department shall be immediately notified of any variance, occurring after departure, from the shipper's notification of primary routes in South Carolina and estimated date of arrival; (g) all applicable laws and administrative rules and regulations, both State and Federal, regarding the transportation of radioactive wastes will be complied with.

Date August 22, 1984

Typed or Printed Name and Title

Signature

Tri-State Motor Transit Company

Name of Carrier

RECEIVED subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading

UMETCO MINERALS CORPORATION

AT ~~MANHATTAN~~ ~~OHIO~~

August 22, 19 84 From

METALS DIVISION

Niagara Falls, NY

~~UNION CARBIDE CORPORATION~~

For use via carrier truck under the exclusive/sole use shipments/movements

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said carrier (the word carrier being understood through out this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official Southern Western and Illinois Freight Classifications in effect on the date hereof if this is a rail or a rail water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns

Consigned to ~~UCC Metals Division~~ **CHEM NUCLEAR SYSTEMS, INC.** **BARNWELL MANAGEMENT FACILITIES** SHIPPER'S ORDER NO CUSTOMER'S ORDER NO

Destination ~~Gravoux~~ **BARNWELL (Osborn Road)** State ~~Colorado~~ **S. Carolina** County ~~Montrose~~ **BARNWELL**

Route

Delivering Carrier **Tri-State Motor Transit** Car or Vehicle Initials **8218** No **448132** Seal No **262504**

No Packages	Kind of Package, Description of Articles, Special marks, and Exceptions	*Weight (Sub to correction)	*Class or Rate	Check Column	Subject to Section 7 of Conditions of applicable bill of lading if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges
5	Radioactive Materials, LSA, n o s (325 cu. ft.) <del>Radioactive Materials UN 2912</del> <del>U Natural</del> <del>Uranium Thorium Residues (From Chemical Processing)</del> 0.016 Max. Cumesper Package. Less than one (1) pound source material - solid, metal oxide, contaminated soil, building rubble, wood and plant equipment.				(Signature of consignor)  If charges are not prepaid, write or stamp here. To be Prepaid <b>Third Party</b> <b>PREPAID (See Below)*</b>
	This is to certify that the above named materials are properly classified, described, packaged marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation				
	Signed <i>G. E. Walck</i> 8-22-84				Received \$ to apply in prepayment of the charges on the property described hereon
	Vehicle assigned for sole use of consignor. Do not load other freight on the vehicle do not transfer in route and do not break the seal on truck				Agent or Cashier
	Carrier hereby acknowledges that prior to or at the time this shipment was offered for transportation, the shipper provided or affixed according to applicable regulations, the required placards or orange panels (including prescribed identification numbers) for each hazardous material named hereon				Per (The signature here acknowledges only the amount prepaid) Charges advanced
	Signed <i>B. H. Bouchard</i>				\$ This shipment is correctly described Correct weight is _____ lbs Subject to verification by the <b>*L.G. Evans</b> <b>Umetco Minerals Corp.</b>
					<b>P.O. Box 97</b> <b>Niagara Falls, NY 14302</b>

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \_\_\_\_\_ per \_\_\_\_\_

~~METALS DIVISION~~  
~~UNION CARBIDE CORPORATION~~

Umetco Minerals Corporation

Shipper

Agent

Per *G. E. Walck* 8-22-84  
Permanent postoffice address of shipper UC 326-34

Per



Form RHA-PNC  
(5/80)SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTRL  
Radioactive Waste Shipment Prior Notification and Manifest Form

See Reverse Side for Instructions

1. Name and Address of Shipper Umetco Minerals Corporation 137 47th Street Niagara Falls, NY 14302		2. Person Responsible for Radioactive Waste Shipment (a) Name G. E. Walck (b) Title Construction Superintendent (c) Telephone No. (716) 278-3361	
3. Radioactive Waste Transport Permit No 0211-31-84-X		4. Shipment Identification No. 0884-325A	
5. Location from which waste will be shipped Same as (1) Above		6. Name and Address of Consignee Chem-Nuclear Systems, Inc. P.O. Box 726 Barnwell, South Carolina 29812	
7. Scheduled Date of Departure of Shipment August 22, 1984		8. Estimated Date of Arrival of Shipment August 24, 1984	

9. Carrier Tri-State Motor Transit	10. Type of Transport Vehicle Closed Van	11. Trailer No. and Owner (if available)
---------------------------------------	---	---

12. Routes shipment will follow in State of South Carolina (Be Specific)

I-20, I-26, US-321, S.C. 3 and S.C. 64

## Manifest Summary

13 Type Container or Cask Wood Boxes	14 Container Spec CFR 49 173.392 (c)	15. Total No. of Containers 6
16 Waste Description, Physical and Chemical Form Metal Plant Oxides, Bldg. Rubble, Wood and Hardward		17 Prominent Radionuclides Uranium (Nat.) .0028 Thorium (Nat.) .004
18. Total Curies (mCi) .068	19. Transport Group III	20. Total Cubic Feet 325


21 Waste Classification			
<input checked="" type="checkbox"/> Radioactive LSA	<input type="checkbox"/> Bulk LSA	Normal Form	Special Form
<input type="checkbox"/> Radioactive LSA greater than Type A quantities	<input type="checkbox"/> Limited quantities and radioactive devices	<input type="checkbox"/> Type A quantity <input type="checkbox"/> Type B quantity <input type="checkbox"/> Large quantity	<input type="checkbox"/> Type A quantity <input type="checkbox"/> Type B quantity <input type="checkbox"/> Large quantity
		<input type="checkbox"/> Class I	<input type="checkbox"/> Class II <input type="checkbox"/> Class III

## CERTIFICATION

I hereby certify on behalf of the above-named shipper to the South Carolina Department of Health and Environmental Control that the information provided herein is complete and correct to the best of my knowledge, and that the shipper has complied with all the provisions as required by Act No 499 of 1980, the South Carolina Radioactive Waste Transportation and Disposal Act

Date August 8, 1984

G. E. Walck - Construction Supt.  
Typed Name and Title of Agent of Shipper

  
Signature (G. E. Walck)

## CONSIGNEE ACKNOWLEDGEMENT

This acknowledges to the South Carolina Department of Health and Environmental Control that the above-described radioactive waste shipment was received.

Date of Delivery

Signature of Consignee or authorized Agent

Typed or Printed Name and Title

DHEC 802  
(5/80)

Original: S. Carolina (Copies of this form may be reproduced locally as needed)  
Copy: Chem-Nuclear

UCCNHT0001891

Form RHA-PNC  
(5/80)SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  
Radioactive Waste Shipment Prior Notification and Manifest Form

See Reverse Side for Instructions

1. Name and Address of Shipper Umetco Minerals Corporation 137 47th Street Niagara Falls, NY 14302		2. Person Responsible for Radioactive Waste Shipment (a) Name G. E. Walck (b) Title Construction Superintendent (c) Telephone No (716) 278-3361	
3. Radioactive Waste Transport Permit No 0211-31-84-X		4. Shipment Identification No. 0884-325A	
5. Location from which waste will be shipped Same as (1) Above		6. Name and Address of Consignee Chem-Nuclear Systems, Inc. P.O. Box 726 Barnwell, South Carolina 29812	
7. Scheduled Date of Departure of Shipment August 22, 1984		8. Estimated Date of Arrival of Shipment August 24, 1984	
9. Carrier Tri-State Motor Transit	10. Type of Transport Vehicle Closed Van	11. Trailer No. and Owner (if available)	
12. Routes shipment will follow in State of South Carolina (Be Specific)  I-20, I-26, US-321, S.C. 3 and S.C. 64			

## Manifest Summary

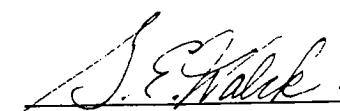
13. Type Container or Cask Wood Boxes	14. Container Spec. CFR 49 173.392 (c)	15. Total No. of Containers 6
16. Waste Description, Physical and Chemical Form Metal Plant Oxides, Bldg. Rubble, Wood and Hardward	17. Prominent Radionuclides Uranium (Nat.) .0028 Thorium (Nat.) .004	
18. Total Curies (M.G.) .068	19. Transport Group III	20. Total Cubic Feet 325
21. Waste Classification		
<input checked="" type="checkbox"/> Radioactive LSA	<input type="checkbox"/> Bulk LSA	
<input type="checkbox"/> Radioactive LSA greater than Type A quantities	<input type="checkbox"/> Limited quantities and radioactive devices	
	<input type="checkbox"/> Normal Form Type A quantity	
	<input type="checkbox"/> Normal Form Type B quantity	
	<input type="checkbox"/> Normal Form Large quantity	
	<input type="checkbox"/> Special Form Type A quantity	
	<input type="checkbox"/> Special Form Type B quantity	
	<input type="checkbox"/> Special Form Large quantity	
	<input type="checkbox"/> Fissile Class I	
	<input type="checkbox"/> Fissile Class II	
	<input type="checkbox"/> Fissile Class III	

## CERTIFICATION

I hereby certify on behalf of the above-named shipper to the South Carolina Department of Health and Environmental Control that the information provided herein is complete and correct to the best of my knowledge, and that the shipper has complied with all the provisions as required by Act No. 499 of 1980, the South Carolina Radioactive Waste Transportation and Disposal Act

Date August 8, 1984

G. E. Walck - Construction Supt.  
Typed Name and Title of Agent of Shipper

  
Signature (G. E. Walck)

## CONSIGNEE ACKNOWLEDGEMENT

This acknowledges to the South Carolina Department of Health and Environmental Control that the above-described radioactive waste shipment was received

Date of Delivery

Signature of Consignee or authorized Agent

Typed or Printed Name and Title

DHEC 802  
(5/80)

Original: S. Carolina (Copies of this form may be reproduced locally as needed)  
Copy: Chem-Nuclear

UCCNHT0001892

3.0 AT DESTINATION (Union Carbide Corporation, Uravan, Colorado)

- 3.1 Give notification of arrival and receive guidance to unloading site.
- 3.2 Examine security seals and inspect outside of truck for damage or pilfering.
- 3.3 The shipment must be unloaded by Consignor from the transport vehicle in which originally loaded.
- 3.4 UCC or its representative will certify vehicles clean and available for Unrestricted Use and decontaminate if necessary.

4.0 PENALTY

- 4.1 Any deviation from these instructions or violations of State and Federal laws could result in carrier penalty.

Bd Baschong  
Driver's Signature

8-22-84  
Date

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTRL  
Radioactive Waste Shipment Prior Notification and Manifest Form

See Reverse Side for Instructions

1. Name and Address of Shipper: Umetco Minerals Corporation 137 47th Street Niagara Falls, NY 14302		2. Person Responsible for Radioactive Waste Shipment (a) Name G. E. Walck (b) Title Construction Superintendent (c) Telephone No. (716) 278-3361	
3. Radioactive Waste Transport Permit No 0211-31-84-X		4. Shipment Identification No.: 0884-325A	
5. Location from which waste will be shipped Same as (1) Above		6. Name and Address of Consignee Chem-Nuclear Systems, Inc. P.O. Box 726 Barnwell, South Carolina 29812	
7. Scheduled Date of Departure of Shipment August 22, 1984		8. Estimated Date of Arrival of Shipment August 24, 1984	
9. Carrier Tri-State Motor Transit	10. Type of Transport Vehicle Closed Van	11. Trailer No. and Owner (if available)	
12. Routes shipment will follow in State of South Carolina (Be Specific) I-20, I-26, US-321, S.C. 3 and S.C. 64			

## Manifest Summary

13 Type Container or Cask	14 Container Spec.	15. Total No. of Containers
Wood Boxes	CFR 49 173.392 (c)	6
16 Waste Description, Physical and Chemical Form	17. Prominent Radionuclides	
Contaminated Solids, Oxides, Bldg. Rubble, Wood and Hardward	Uranium (Nat.) .0028 Thorium (Nat.) .004	
18 Total Curies	19 Transport Group	20 Total Cubic Feet
.068 (N.G.)	III	325
21 Waste Classification		
<input checked="" type="checkbox"/> Radioactive LSA	<input type="checkbox"/> Bulk LSA	
<input type="checkbox"/> Radioactive LSA	<input type="checkbox"/> Limited quantities	
greater than	and radioactive	
Type A quantities	devices	
	Normal Form	Special Form
	<input type="checkbox"/> Type A quantity	<input type="checkbox"/> Type A quantity
	<input type="checkbox"/> Type B quantity	<input type="checkbox"/> Type B quantity
	<input type="checkbox"/> Large quantity	<input type="checkbox"/> Large quantity
		Fissile
		<input type="checkbox"/> Class I
		<input type="checkbox"/> Class II
		<input type="checkbox"/> Class III

**CERTIFICATION**

I hereby certify on behalf of the above-named shipper to the South Carolina Department of Health and Environmental Control that the information provided herein is complete and correct to the best of my knowledge, and that the shipper has complied with all the provisions as required by Act No. 499 of 1980, the South Carolina Radioactive Waste Transportation and Disposal Act

Date August 8, 1984

G E. Walck - Construction Supt.  
Typed Name and Title of Agent of Shipper

Signature G. E. Walck  
(G. E. Walck)

### CONSIGNEE ACKNOWLEDGEMENT

This acknowledges to the South Carolina Department of Health and Environmental Control that the above-described radioactive waste shipment was received.

Date of Delivery

Signature of Consignee or authorized Agent

Typed or Printed Name and Title

DHEC 802  
(5/80)

(5/80)  
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